



PTO/SB/08a (09-08)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/771,331
		Filing Date	February 5, 2004
		First Named Inventor	Orlaw MASSLER
		Art Unit	1762
		Examiner Name	K. Stouffer
		Attorney Docket Number	080313.48830D1
Sheet	1	of	3

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
/KMS/	A1	US- 5,942,317	A	08-24-1999	Richard Longstreth White	
	A2	US- 5,688,557	A	11-18-1997	Jerome H. Lemelson et al.	
	A3	US- 4,749,587		06-07-1988	Erich Bergmann	
	A4	US- 5,626,922	A	05-06-1997	Akiharu Miyanaga et al.	
	A5	US- 5,562,982	A	10-08-1996	Tatsuya Hiwatashi	
	A6	US- 5,523,121	A	06-04-1996	Thomas R. Anthony et al.	
	A7	US- 5,411,797	A	05-02-1995	Farzin Davanloo et al.	
	A8	US- 5,237,967	A	08-24-1993	Pierre A. Willermet et al.	
	A9	US- 5,147,687	A	09-15-1992	Diwakar Garg et al.	
	A10	US- 5,013,579		05-07-1991	Shunpei Yamazaki	
	A11	US- 4,877,677		10-31-1989	Kumiko Hirochi et al.	
	A12	US- 4,996,079		02-26-1991	Kenji Itoh	
	A13	US- 4,919,974		04-24-1990	Robert C. McCune et al.	
	A14	US- 4,486,286		12-04-1984	Gerhard Lewin et al.	
	A15	US- 4,749,587		06-07-1988	Erich Bergmann et al.	
	A16	US- 4,698,256		10-06-1987	Robert D. Giglia et al.	
	A17	US- 5,707,748	A	01-13-1998	Erich Bergmann	
	A18	US- 5,637,373	A	06-10-1997	Shigenori Hayashi	
	A19	US- 5,709,784	A	01-20-1998	Hans Braendle et al.	
	A20	US- 5,626,963	A	05-06-1997	Hitoshi Hirano et al.	
	A21	US- 5,306,408	A	04-26-1994	James R. Treglio	
	A22	US- 5,768,046	A	06-16-1998	Kwang-Ryeol Lee et al.	
	A23	US- 5,695,565	A	12-09-1997	Kwang-Ryeol Lee et al.	
	A24	US- 5,938,838	A	08-17-1999	Kwang-Ryeol Lee et al.	
	A25	US- 4,731,302		03-15-1988	Christian Weissmantel et al.	
	A26	US- 6,066,399	A	05-23-2000	Hitoshi Hirano et al.	

Examiner Signature	/Kelly Stouffer/	Date Considered	10/10/2007
-----------------------	------------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete If Known</b>	
		Application Number	10/771,331
		Filing Date	February 5, 2004
		First Named Inventor	Orlaw MASSLER
		Art Unit	1762
		Examiner Name	K. Stouffer
Sheet 2 of 3	Attorney Docket Number	080313.48830D1	

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>o</sup>
		Country Code <sup>2</sup> Number <sup>2</sup> Kind Code <sup>2</sup> (if known)				
/KMS/	B1	DE 296 15 190 U1	01-16-1997	Balzers Verschleisschutz GmbH	Corresponds to A19 above	
	B2	EP 0 886 880 B1	12-30-1998	Unaxis Balzers Aktiengesellschaft	Corresponds to A19 above	
	B3	BE 1006711 A3	11-22-1994	Vito		ABS
	B4	DE 693 03 148 T2	01-23-1997	Vito		ABS
	B5	JP 7041386 A	02-10-1995	Sanyo Electric Co., Ltd.		ABS
	B6	JP 07062539 A	03-07-1995	Sanyo Electric Co., Ltd.		ABS
	B7	JP 03025743 A	02-04-1991	Matsushita Electric Ind. Co., Ltd.		ABS
	B8	JP 07070756 A	03-14-1995	Sanyo Electric Co., Ltd.		ABS
	B9	DE 44 23 184 A1	01-12-1995	Sanyo Electric Co., Ltd.	Corresponds to A20 above	
	B10	CA 2,013,282	10-28-1990	Digital Equipment Corporation et al.		
	B11	EP 0 395 198 A2	10-31-1990	Digital Equipment Corporation et al.		
	B12	JP 3-131509 A	06-05-1991	Digital Equipment Corporation et al.		ABS
	B13	JP 6-88215 A	03-29-1994	ISM Technol Inc.	Corresponds to A21 above	ABS
	B14	EP 0 394 661 A1	10-31-1990	Balzers Aktiengesellschaft		ABS
	B15	JP 2-285072 A	11-22-1990	Balzers Hochvakuum		ABS
V	B16	JP 8-63840 A	03-08-1996	Korea Inst. of Science Technology	Corresponds to A21 above	ABS

Examiner Signature	/Kelly Stouffer/	Date Considered	10/10/2007
-----------------------	------------------	--------------------	------------

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete If Known</b>	
		Application Number	10/771,331
		Filing Date	February 5, 2004
		First Named Inventor	Orlaw MASSLER
		Art Unit	1762
		Examiner Name	K. Stouffer
Sheet 3 of 3	Attorney Docket Number	080313.48830D1	

FOREIGN PATENT DOCUMENTS							
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (If known)					
/KMS/	B17	JP 06212429 A		08-02-1994	Sumitomo Electric Ind. Ltd.	Corresponds to A25 above	ABS
↓	B18	EP 0 229 936 A1		07-29-1987	Technische Universitaet Karl-Marx Stadt	Corresponds to A25 above	
	B19	JP 63-26350 A		02-03-1988		Corresponds to A25 above	ABS
	B20	JP 10259482 A		09-29-1998	Sanyo Electric Co., Ltd.		ABS
	B21	JP 10259481 A		09-29-1998	Sanyo Electric Co., Ltd.		ABS
	B22	JP 11100294 A		04-13-1999	Sanyo Electric Co., Ltd.		ABS
	B23	DD 243 514 A1		12-17-1985		Corresponds to A25 above	

Examiner Signature	/Kelly Stouffer/	Date Considered	10/10/2007
-----------------------	------------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.  
 This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.